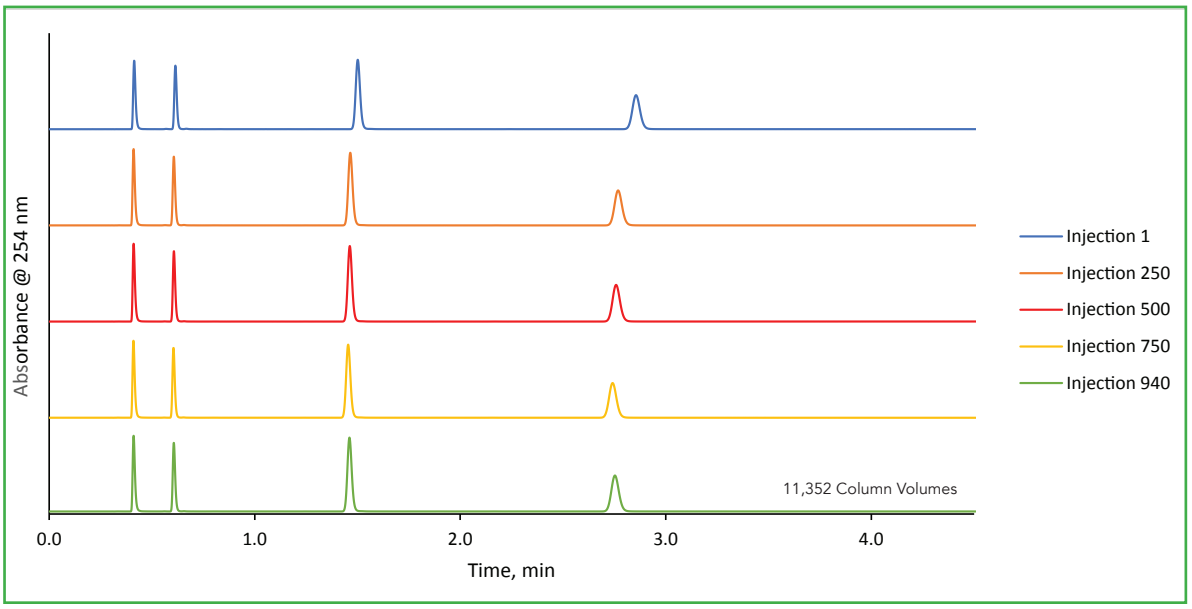
HALO®

ENVIRONMENTAL

HALO® PAH Stability at 600 bar

278-P



PEAK IDENTITIES:

1. Uracil
2. Phenol
3. 1-Cl-4-Nitrobenzene
4. Naphthalene

TEST CONDITIONS:

Column: HALO 90 Å PAH, 2.7 µm, 2.1 x 150 mm
Part Number: 92842-712
Mobile Phase A: Water
B: Acetonitrile
Isocratic: 50% B
Flow Rate: 0.6 mL/min
Back Pressure: 597 bar
Temperature: 30 °C
Detection: 254 nm, PDA
Injection Volume: 0.5 µL
Sample Solvent: 60/40 ACN/ Water
Data Rate: 100 Hz
Response Time: 0.025 sec.
Flow Cell: 1 µl
LC System: Shimadzu Nexera X2

Polycyclic Aromatic Hydrocarbons (PAHs) are a group of more than 100 chemicals released from the combustion of coal, oil, gasoline, tobacco, and wood. They can also be found in cooked food. PAHs are persistent chemicals and must be closely regulated for early detection/monitoring to minimize hazardous exposure in the environment and/or use of contaminated raw materials in different industries. The HALO® PAH column shows excellent stability at elevated back pressure making it an excellent choice for polycyclic aromatic hydrocarbon analysis.

advancedmaterialstechnology

Made in the USA

INNOVATION YOU CAN TRUST,
PERFORMANCE YOU CAN RELY ON

HALO® and Fused-Core® are registered trademarks of Advanced Materials Technology